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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : Ryazanov, A.

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FILED : April 10, 2003

EXAMINER : Hutson, Richard G.
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FOR : MAMMALIAN ALPHA KINASE PROTEINS, NUCLEIC ACIDS
AND DIAGNOSTIC AND THERAPEUTIC USES THEREOF

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450 on June 10, 2003.

Christine E. Dietzel, Reg. No. 37,309
(Name of Registered Representative)

Betty Schultz 6/10/03
(Signature and Date)

AMENDMENT

COMMISSIONER FOR PATENTS
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TECH CENTER 1600/2900

Dear Sir:

In response to the communication dated March 11, 2003, due for response June 11, 2003, please consider the following amendments and remarks.